

What is claimed is:

1 1. A vibrator comprising:

2 a vibration motor having:

3 a rotary member;

4 a base on which said rotary member is mounted;

5 and

6 a cover provided on said base and covering said

7 rotary member; and

8 a printed circuit board on which said vibration motor

9 is mounted,

10 wherein said cover has a hole.

1 2. A method for manufacturing a vibrator, said apparatus

2 including a vibration motor having a rotary member, a base

3 on which said rotary member is mounted, and a cover

4 provided on said base, covering said rotary member, and

5 having a hole; and a printed circuit board on which said

6 vibration motor is mounted, said method comprising the

7 steps of:

8 loading said vibration motor on said printed circuit

9 board; and

10 mounting said vibration motor on said printed circuit

11 board by using a reflow soldering.

1 3. An electronic equipment comprising:

2 a vibrator including:

3 a vibration motor having:

4 a rotary member;
5 a base on which said rotary member is
6 mounted; and
7 a cover provided on said base and covering
8 said rotary member; and
9 a printed circuit board on which said vibration
10 motor is mounted,
11 wherein said cover has a hole.